REMARKS

Claims 1-4 and 6-15 are pending in the application. Claims 1-4 and 6-13 are allowed.

Claims 14 and 15 are rejected under 35 U.S.C. § 102(e) as being anticipated by Fuh et al. (U.S. 6,609,154) (herein after Fuh).

Claims 14 and 15 have been amended to clarify the features including, for example in claim 14, the first and second edge nodes. The amendments are supported by the specification and original claims. No new matter is entered.

The features of applicant's claimed invention generally relate to efficiently utilizing an intranet. For example the second edge node includes a table and forms first and second judgments. Only packets of users who are cataloged in the table are allowed to be transmitted to an internet after passing though the intranet.

That is, forming a judgment as to whether or not a decapsulated packet is allowed to transmit to an internet after passing through the intranet on the basis of the judgment.

Prior Art Rejections

With regard to the rejection under 35 U.S.C. § 102(e) as anticipated by Fuh, applicant includes at least four distinguishing features below:

1)

Fuh discloses in col. 9, lines 2-4 that "In one embodiment, client 306 runs a browser 304, which is an application program used to retrieve and display web pages or other information stored in target server 222," and in col. 9, lines 6-8, "User 302 can use browser 304 to send an HTTP request over LAN 206."

In Fuh the client 306 makes packets for target server 222 included in an intranet, but does not encapsulate packets into an encapsulated packet which has a destination address of a firewall

router 210 included in the intranet and a data packet including a raw packet from a user. Both the firewall router 210 and the target server 222 are included in the intranet.

Fuh does not teach that a second user having a destination address of a packet transmitted from a first user is included in the intranet.

In contrast applicant claims "a first edge node included in a user network for encapsulating a packet transmitted from a user included in said user network and transmitting an encapsulated packet having a destination address of a second edge node included in an intranet."

Accordingly, the client 306 of Fuh differs from the first edge node of the amended claim 14 and Fuh fails to disclose the first edge node included in a user network for encapsulating a packet transmitted from a user included in said user network and transmitting an encapsulated packet having a destination address of a second edge node included in an intranet of claim 14.

2)

Fuh discloses in col. 9, lines 58-60 that "Assume that firewall router 210 receives an inbound packet from client 306 at external interface 420 that is intended for target server 222." Fuh however fails to disclose or suggest the decapsulating an encapsulated packet.

It is submitted Fuh fails to teach the "a decapsulation unit for decapsulating said encapsulated packet" of claim 14.

3)

Fuh discloses in col. 9, lines 51 to 55 that "Access control lists filter packets and can prevent certain packets from entering or exiting a network. Each ACL is a list of information that firewall router 210 may use to determine whether packets arriving at or sent from a particular interface may be communicate within or outside the firewall router," (emphasis added)

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PAGE 11/13 * RCVD AT 10/27/2005 2:02:54 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/25 * DNIS:2738300 * CSID:2129407049 * DURATION (mm-ss):05-12

and "The firewall router 210 also includes any number of authentication caches 432, 434" in col. 10, lines 1-2.

In Fuh the access control lists and the authentication caches 432, 434 are for filtering packets which are intended to communicate entering or exiting through the firewall. Fuh does not teach filtering packets intended to access an internet after passing through the intranet.

For example applicant claims "a table for cataloging users allowed to pass through said intranet" whereas in Fuh the access control lines and the authentication caches are for filtering packets intended to communicate with a target server 222 included in the intranet. Accordingly, the access control lists and the authentication caches differ from the table of claim 14, and Fuh fails to disclose the features of claim 14.

4)

A packet transmitted from the client 306 received at the firewall router 210 is received at the target server 222 if authentication of the client 306 is a success. However Fuh does not suggest that the packet is further transmitted to an internet after passing through the intranet.

However, in claim 14, the packet transmitted from the first user is not finally received at a node included in the intranet, but is transmitted to an internet passing through the intranet if an authentication of the first user is a success.

Accordingly, Fuh fails to disclose the features of claim 14 including: "a judgment unit for forming a first judgment as to whether or not a first user having a source address of decapsulated packet is cataloged in said table in a case where a second user having a destination address of said decapsulated packet is not included in said intranet and forming a second judgment as to whether or not said decapsulated packet is allowed to transmit to an intranet after passing through said intranet on the basis of said first judgment."

For at least the foregoing reasons it is respectfully submitted claim 14 is not anticipated by or rendered obvious over Fuh.

The amended claim 15 is a method claim. Claim 15 includes similar distinguishing features which corresponds to the system claim 14.

For at least the foregoing reasons it is respectfully submitted claim 15 is not anticipated by or rendered obvious over Fuh.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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